

Message Text

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ACTION ACDA-10

INFO OCT-01 EUR-12 EA-07 IO-13 ISO-00 PM-04 FEA-01
CIAE-00 INR-07 L-03 NSAE-00 NSC-05 EB-07 NRC-05
OES-07 DODE-00 SS-15 /097 W
-----191036Z 074907 /15

R 181711Z MAY 77
FM USMISSION IAEA VIENNA
TO SECSTATE WASHDC 9120
INFO USERDA HQ WASHDC
USERDA GERMANTOWN
AMEMBASSY BERLIN
AMEMBASSY BONN
AMEMBASSY BERN
AMEMBASSY OTTAWA
AMEMBASSY BRUSSELS
AMCONSUL CAPETOWN
AMEMBASSY LONDON
AMEMBASSY MOSCOW
AMEMBASSY PARIS
AMEMBASSY PRAGUE
AMEMBASSY ROME
AMEMBASSY STOCKHOLM
AMEMBASSY THE HAGUE
AMEMBASSY TOKYO
AMEMBASSY WARSAW

C O N F I D E N T I A L IAEA VIENNA 4109

PASS IO/SCT ALSO PASS NRC

EO 11652: GDS
TAGS: ENRG, PARM, TECH
SUBJECT: MAY 16 MEETING OF TECHNICAL GROUP OF ZANGGER COMMITTEE

REF: A) IAEA VIENNA 852, B) STATE 109442 (NOTAL)
C) IAEA VIENNA 388 (NOTAL)
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SUMMARY: TECHNICAL WORKING GROUP OF ZANGGER COMMITTEE
MET MAY 16 AND AFTER ONLY AN HOUR OF DISCUSSION, AGREED
BY CONSENSUS TO RECOMMEND THAT COMMITTEE AMEND ITS
TRIGGER LIST TO INCLUDE ELABORATION OF ENRICHMENT-
RELATED EQUIPMENT SO AS TO CONFORM WITH TRIGGER LIST
OF NUCLEAR SUPPLIES GROUP (NSG). END SUMMARY.

1. REPS OF 17 ZANGGER COMMITTEE MEMBERS (U.S., U.K. USSR, FRG, NETHERLANDS, BELGIUM, SWEDEN, DENMARK, IRELAND, GDR, ITALY, AUSTRALIA, JAPAN, FINLAND, NORWAY, AUSTRIA, SWITZERLAND) MET MAY 16 IN ORDER RESOLVE INABILITY OF FULL COMMITTEE LAST FEBRUARY TO REACH CONSENSUS ON UK-PROPOSED CHANGES IN TRIGGER LIST WHICH WOULD HAVE BROUGHT THAT LIST INTO CONFORMANCE WITH NSG LIST. AS FIRST ITEM OF BUSINESS, GROUP AGREED TO SUGGESTION OF ZANGGER, WHO CHAIRED MEETING, THAT NEXT PLENARY MEETING OF COMMITTEE BE HELD IMMEDIATELY FOLLOWING POST-GENERAL CONFERENCE BOARD MEETING, I.E. OCTOBER 4 AT 10:00 A.M.

2. THE ONLY TOPIC ADDRESSED WAS PROPOSED AMENDMENT OF PARA F OF ANNEX TO INFCIRC/209 TO SPECIFICALLY INCLUDE ITEMS OF ENRICHMENT-RELATED EQUIPMENT AS ENUMERATED IN SUB-PARA (C) OF UK PROPOSAL CONTAINED IN DOCUMENT ZC(77)/3 (REF C), AND AS CONTAINED IN NSG TRIGGER LIST. QUESTION OF INCLUSION OF HEAVY WATER PLANTS AND EQUIPMENT WAS LEFT FOR NEXT PLENARY MEETING TO CONSIDER.

3. SWISS, WHO IN FEBRUARY HAD SUGGESTED ALTERNATE TEXT OF SUB-PARA (C) SPECIFYING QUOTE CORROSION RESISTANT TO UF₆ UNQUOTE FOR ALMOST ALL ITEMS, SUBMITTED A NEW PROPOSED TEXT (CARRIED TO WASHINGTON BY BORIGHT AND KRATZ) WHICH, INTER ALIA, WOULD DELETE GASEOUS DIFFUSION HOUSINGS AND ALTER FIRST ITEM IN SUB-PARA (C) TO READ QUOTE DIFFUSION BARRIERS SUITABLE FOR ENRICHMENT OF U-235 IN UF₆ UNQUOTE. ZANGGER EXPLAINED THAT THERE

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WRE MANY TYPES OF DIFFUSION BARRIERS AND THE PROPOSED QUALIFYING PHRASE WAS INTENDED TO AVOID LEAVING LOOPHOLE BY INCLUDING SOME BARRIERS NOT QUOTE ESPECIALLY DESIGNED UNQUOTE FOR U ENRICHMENT. HE ALSO SUGGESTED CONSIDERATION OF INCLUSION IN LIST OF LASER ENRICHMENT EQUIPMENT.

4. US REP (BORIGHT) SUPPORTED UK (NSG) LANGUAGE NOTING THAT SPECIFICATION OF QUOTE CORROSION RESISTANT TO UF₆ UNQUOTE WAS NOT NECESSARY FOR SOME ITEMS, PARTICULARLY SINCE PARA F OF ANNEX TO INCCIRC/209 ALREADY REFERS TO UNQUOTE

EQUIPMENT..ESPECIALLY DESIGNED OR PREPARED FOR

THE SEPARATION OF ISOTOPES OF URANIUM UNQUOTE. REGARDING ADDITION OF LASER EQUIPMENT, HE NOTED THAT US IN GENERAL FELT TRIGGER LIST WOULD HAVE TO EVOLVE AS TECHNOLOGY EVOLVES AND THAT US WOULD BE CONSIDERING APPROPRIATE ITEMS SUCH AS LASER OR CHEMICAL SEPARATION EQUIPMENT.

HE ALSO SAW SOME MERIT IN USE OF QUOTE SUITABLE FOR
UNQUOTE LANGUAGE PROPOSED BY SWISS AND SAID US WOULD CONSIDER THIS
FURTHER.

5. REPS OF AUSTRALIA (MCDONALD), FRG (HEIL) AND
NETHERLANDS (BIRKMAN) ALSO SUPPORTED LANGUAGE PROPOSED
BY UK AND NOTED DESIRABILITY OF HAVING IDENTICAL
LANGUAGE IN BOTH TRIGGER LISTS. ZANGGER CONCLUDED
MEETING BY FINDING A CONSENSUS SUPPORTING UK PROPOSAL
WHICH, HE ADDED, SWISS COULD ALSO ACCEPT THOUGH
WITH SOME MISGIVINGS.

6. IN INFORMAL DISCUSSION FOLLOWING MEETING, US REPS
RAISED WITH REPS OF UK, AUSTRALIA, FRG AND
SWITZERLAND POSSIBLE DESIRABILITY OF SOME COVERAGE OF
ITEMS WHICH ARE NOT UNIQUE TO NUCLEAR APPLICATIONS
BUT ARE NEVERTHELESS SIGNIFICANT IN SUCH APPLICATIONS.
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BORIGHT RAISED POSSIBILITY OF AGREEMENT TO LIST OF
SUCH ITEMS, WITH PERHAPS A QUOTE BEST EFFORTS UNQUOTE
POLICY TO AVOID CONTRIBUTION TO NON-SAFEGUARDED NUCLEAR
ACTIVITIES, OR AN AGREEMENT TO OBTAIN END-USE STATEMENTS
RE ANY EXPORTS OF SUCH ITEMS. REACTION OF THESE REPS
WAS GENERALLY POSITIVE. ALL RECOGNIZED NEED TO DEAL
SOMEHOW WITH SUCH ITEMS AND AGREED TO CONSIDER
QUESTION FURTHER. STONE

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